

6429187

FIG. 1b

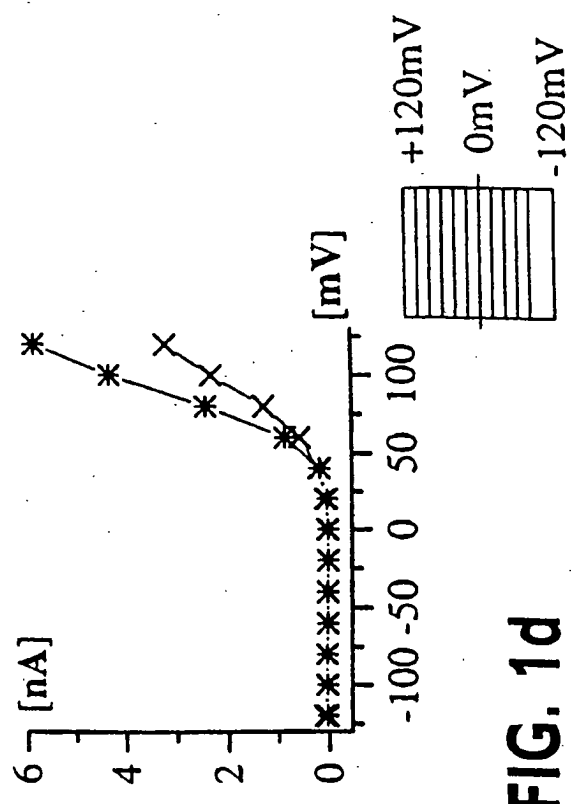


FIG. 1a

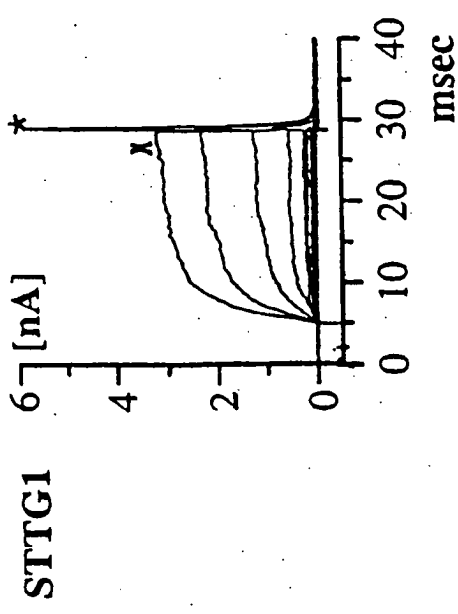


FIG. 1d

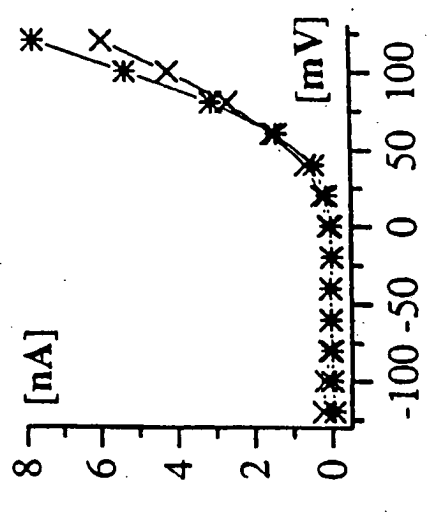
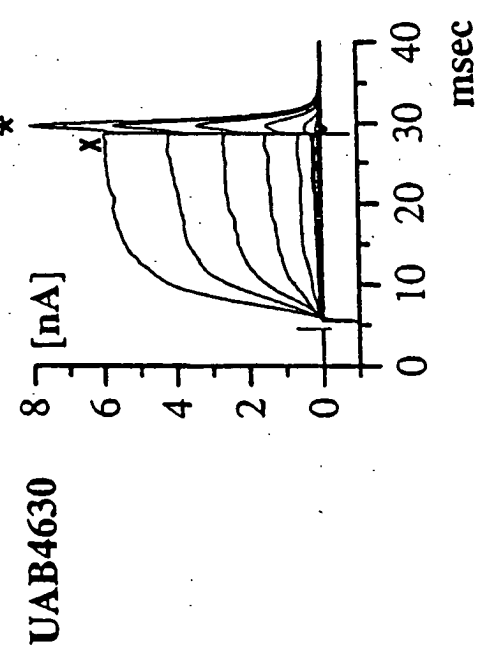
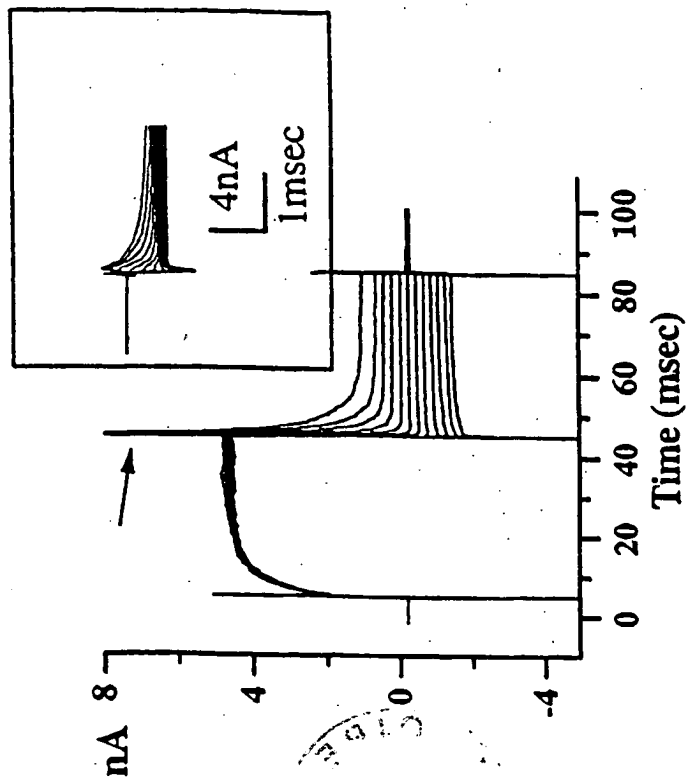


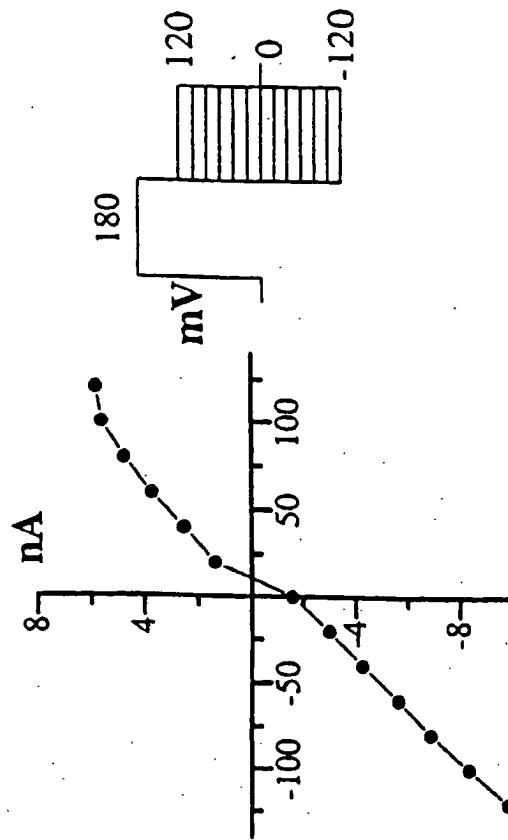
FIG. 1c



**FIG. 2a**

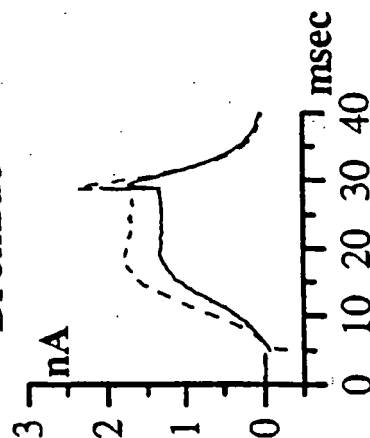


**FIG. 2b**



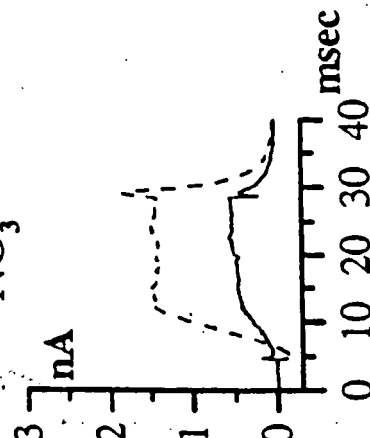
**FIG. 3a**

Bromide



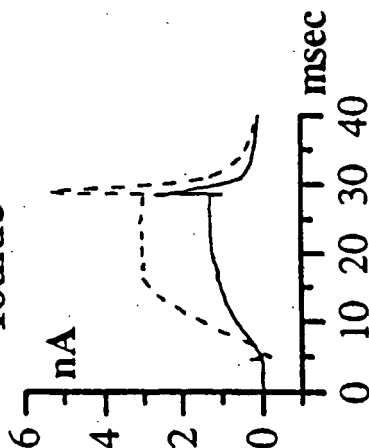
**FIG. 3c**

$\text{NO}_3$



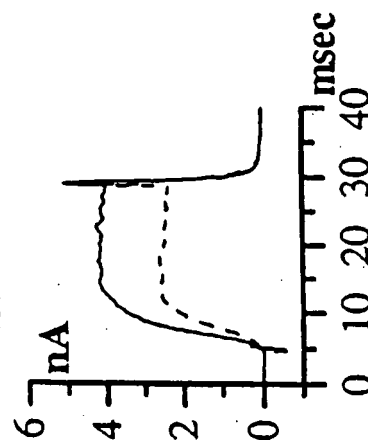
**FIG. 3b**

Iodide

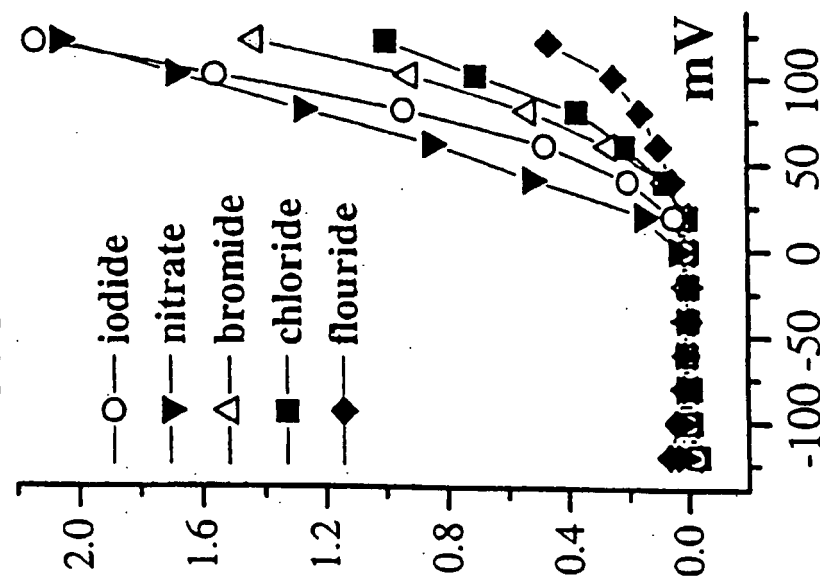


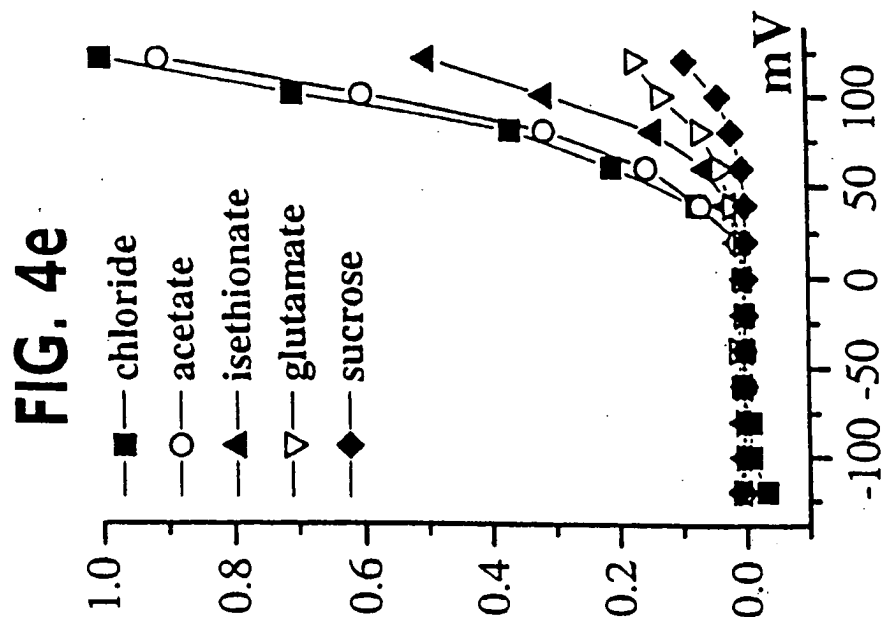
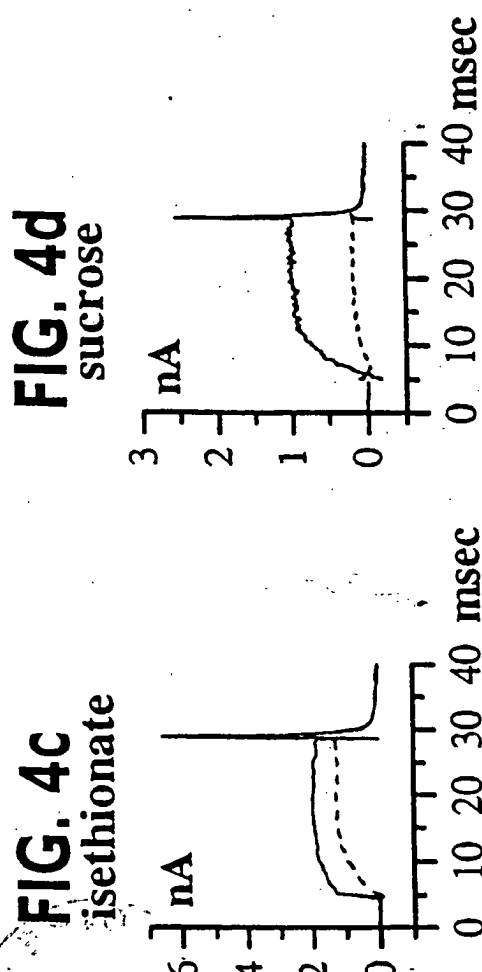
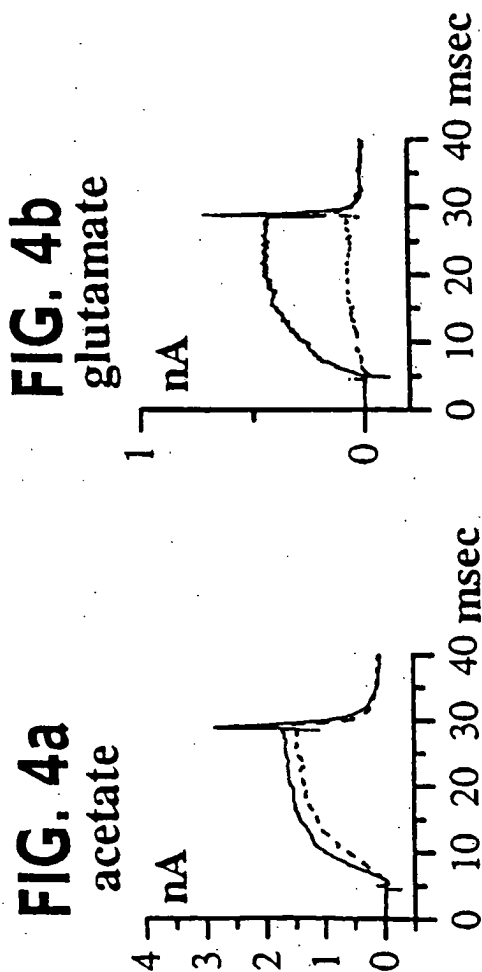
**FIG. 3d**

Fluoride



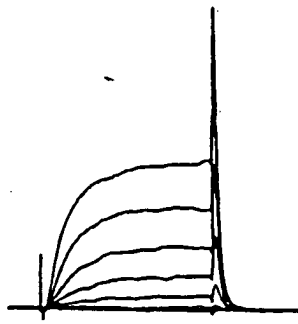
**FIG. 3e**





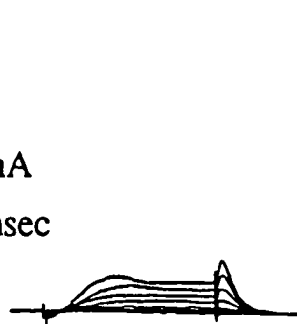
**FIG. 5a**

control



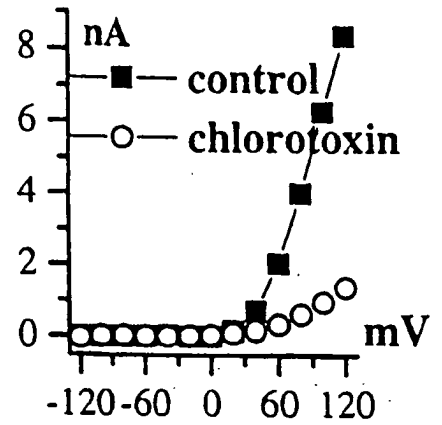
**FIG. 5b**

chlorotoxin



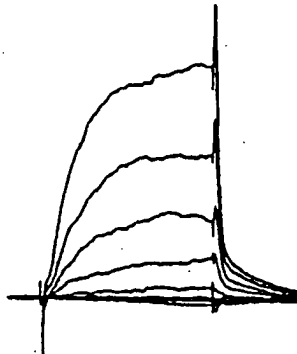
1 nA  
5 msec

**FIG. 5c**



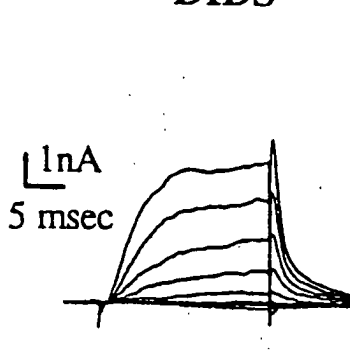
**FIG. 5d**

ctrl



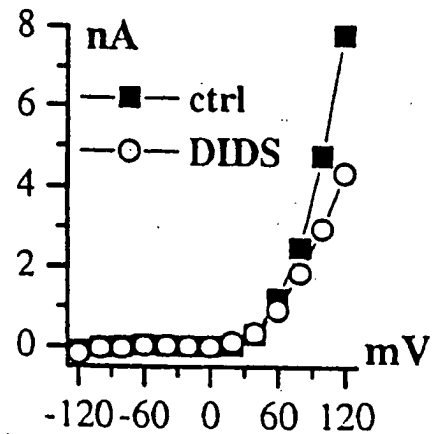
**FIG. 5e**

DIDS



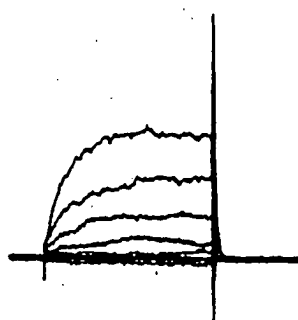
1 nA  
5 msec

**FIG. 5f**



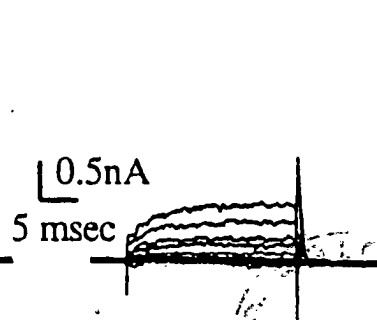
**FIG. 5g**

ctrl



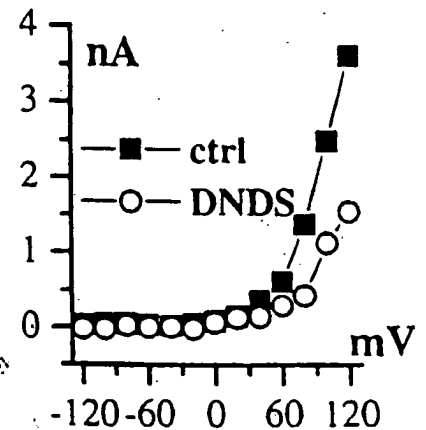
**FIG. 5h**

DNDS

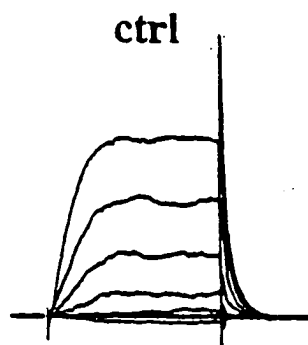


0.5 nA  
5 msec

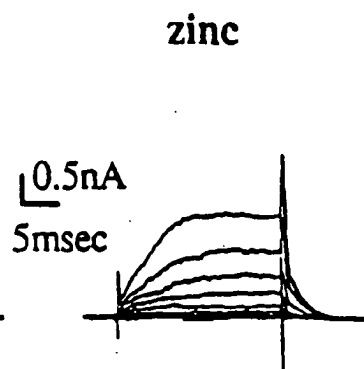
**FIG. 5i**



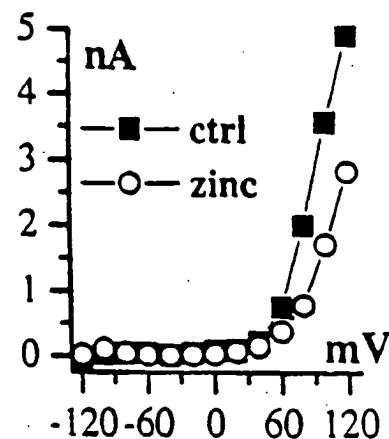
**FIG. 6a**



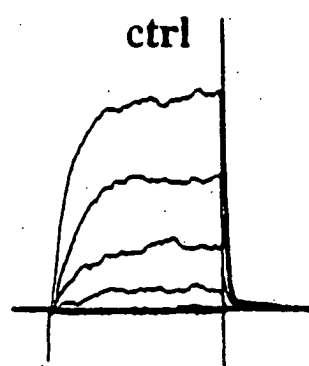
**FIG. 6b**



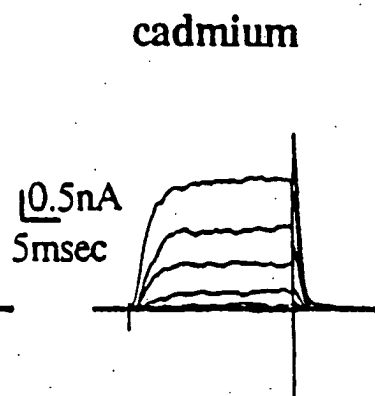
**FIG. 6c**



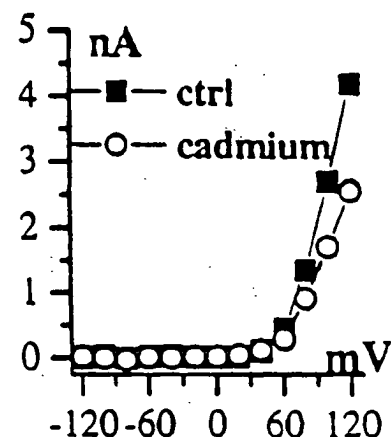
**FIG. 6d**



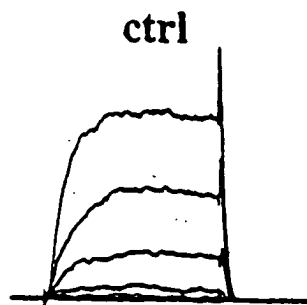
**FIG. 6e**



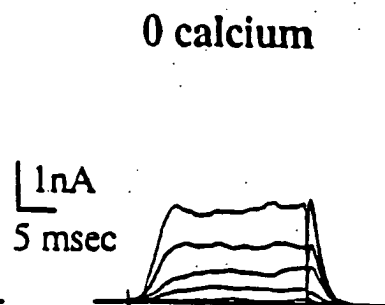
**FIG. 6h**



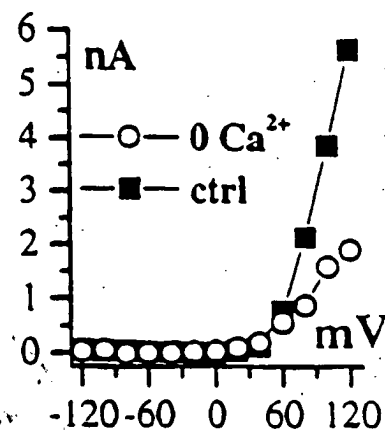
**FIG. 6f**

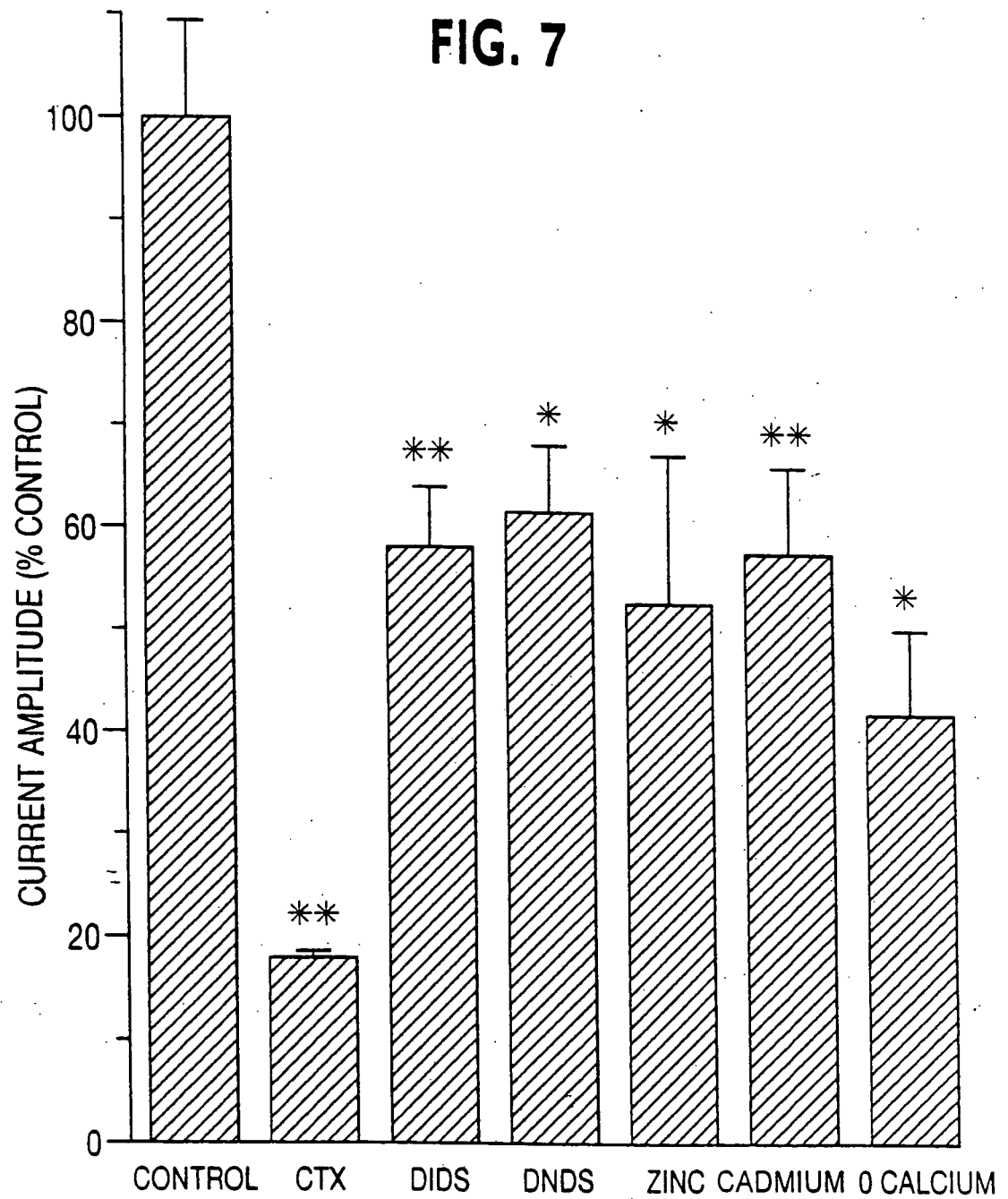


**FIG. 6g**



**FIG. 6i**





**FIG. 8**

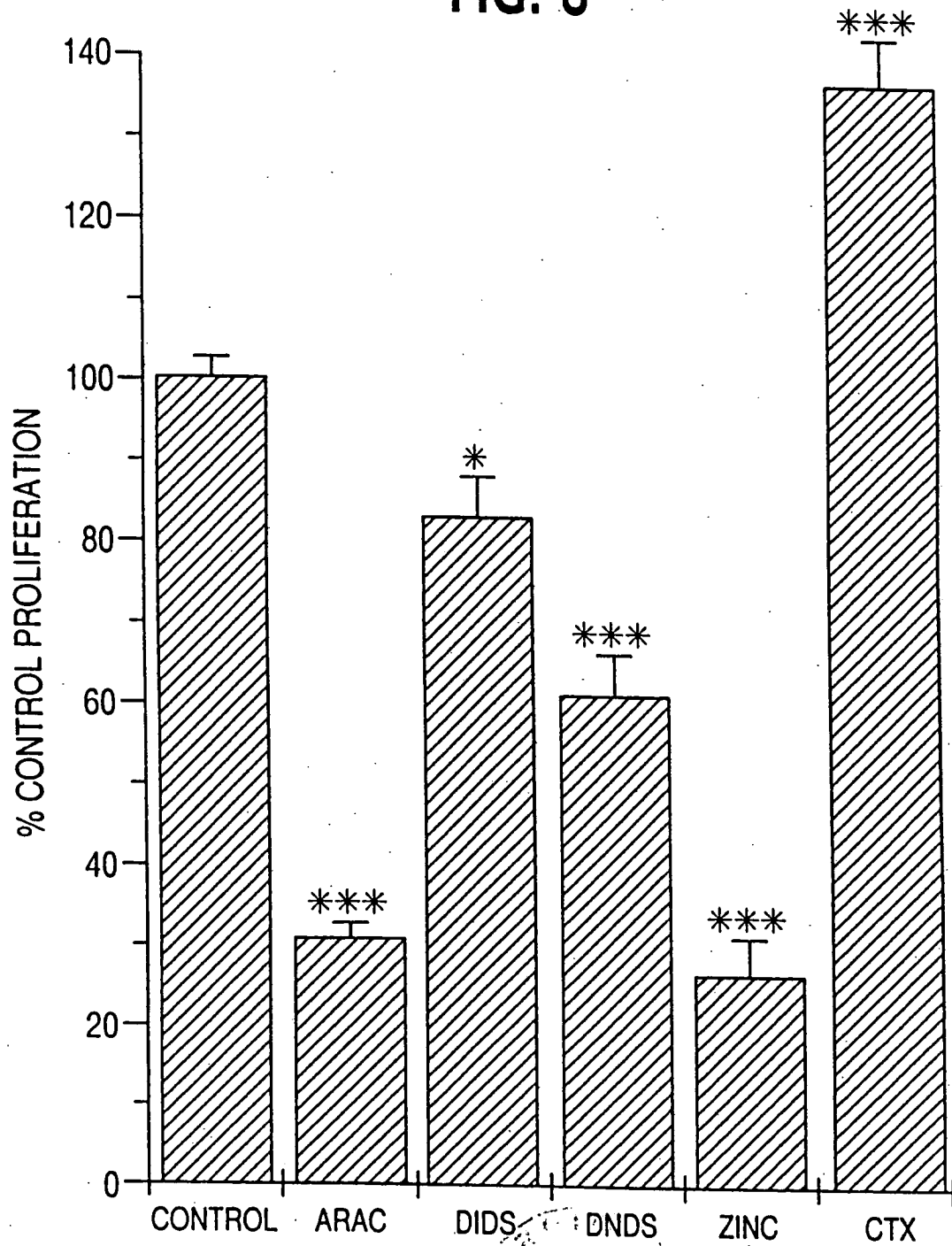




FIG. 9a

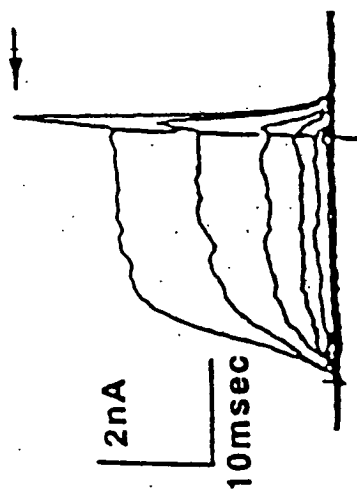


FIG. 9c

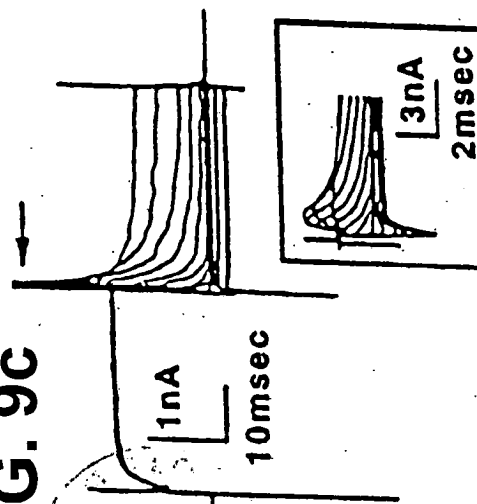


FIG. 9b

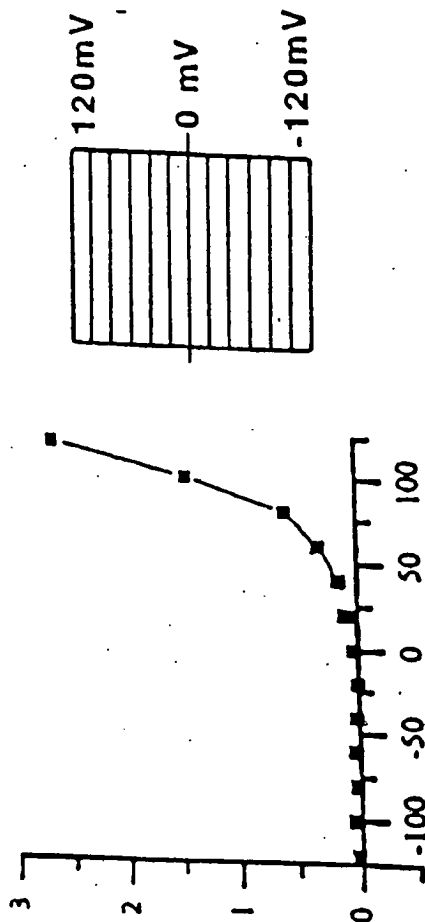


FIG. 9d

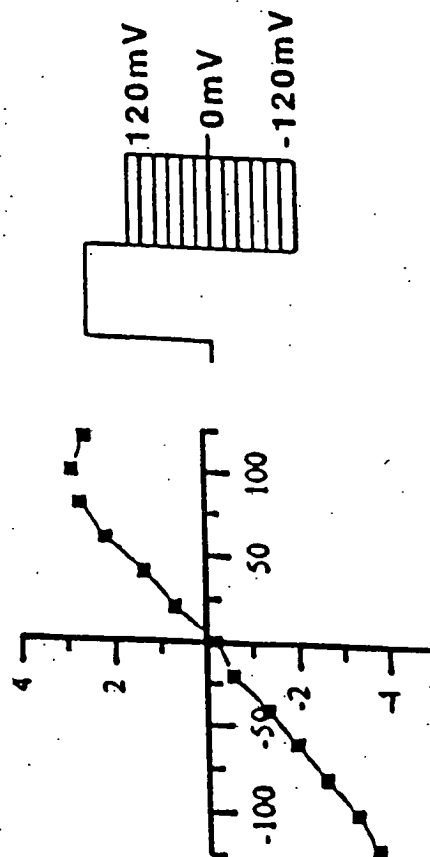


FIG. 10a

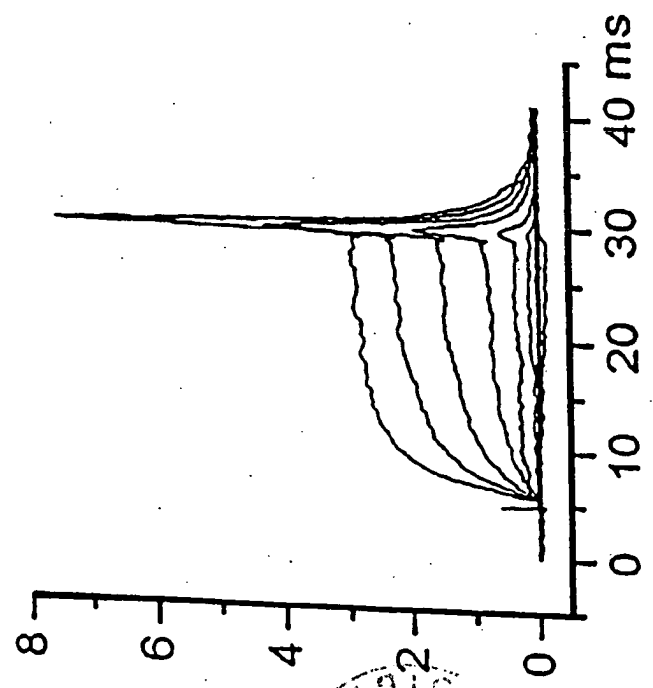


FIG. 10b

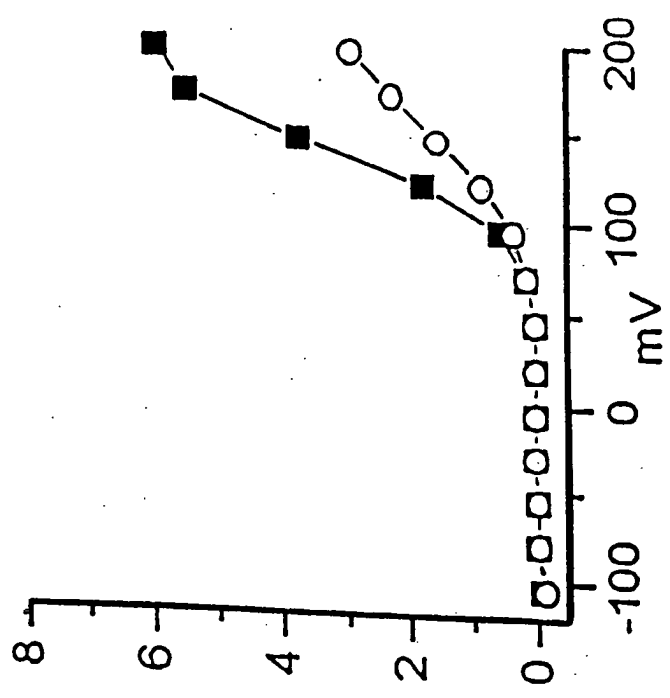


FIG. 11b

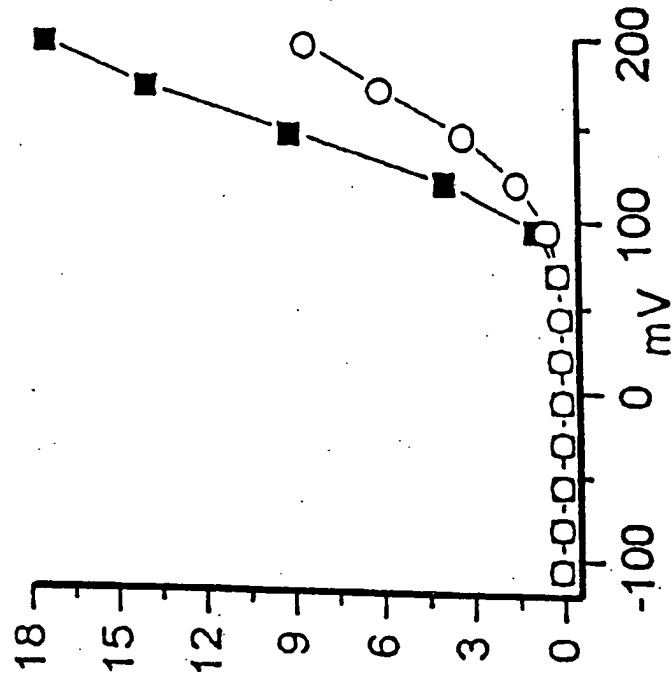
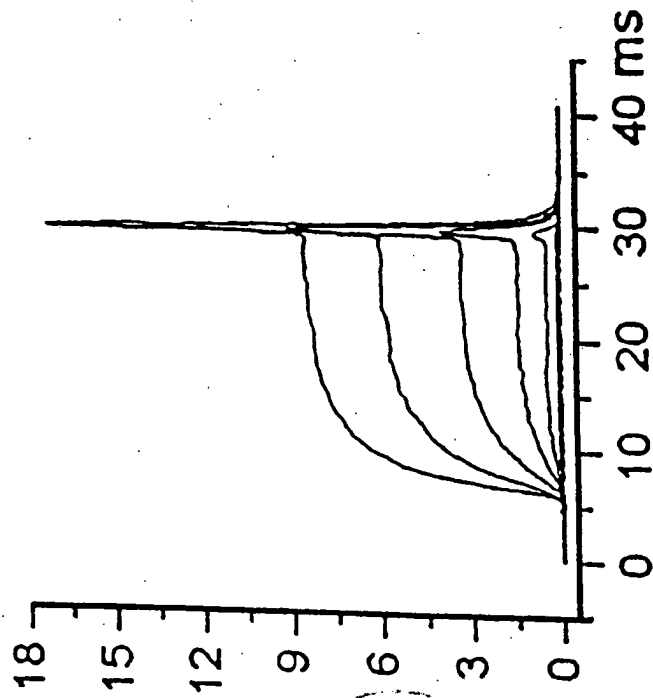


FIG. 11a



**FIG. 12**

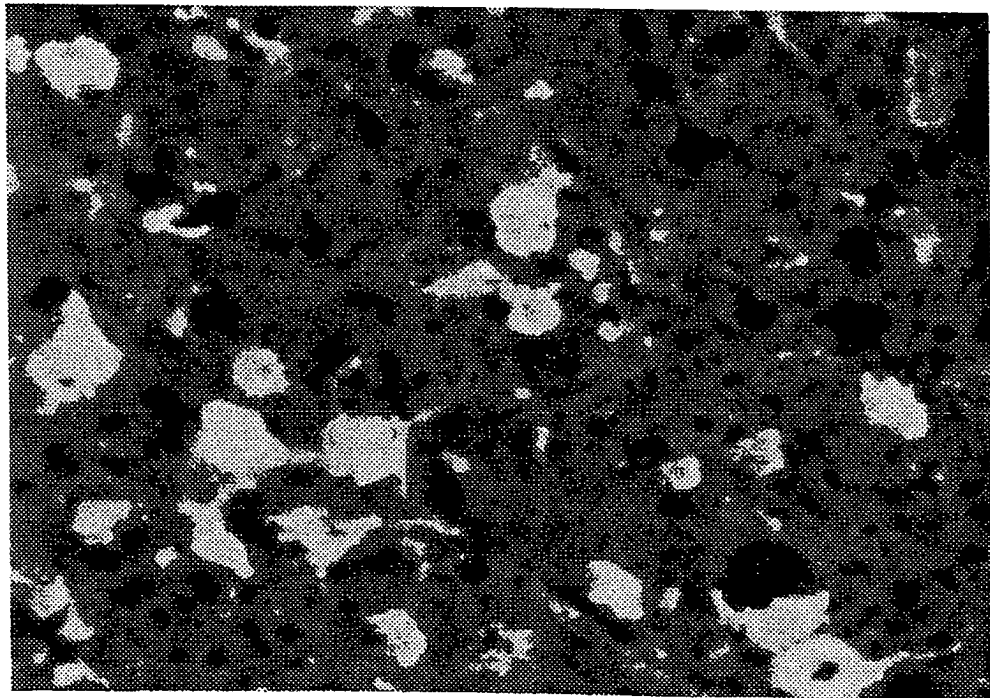
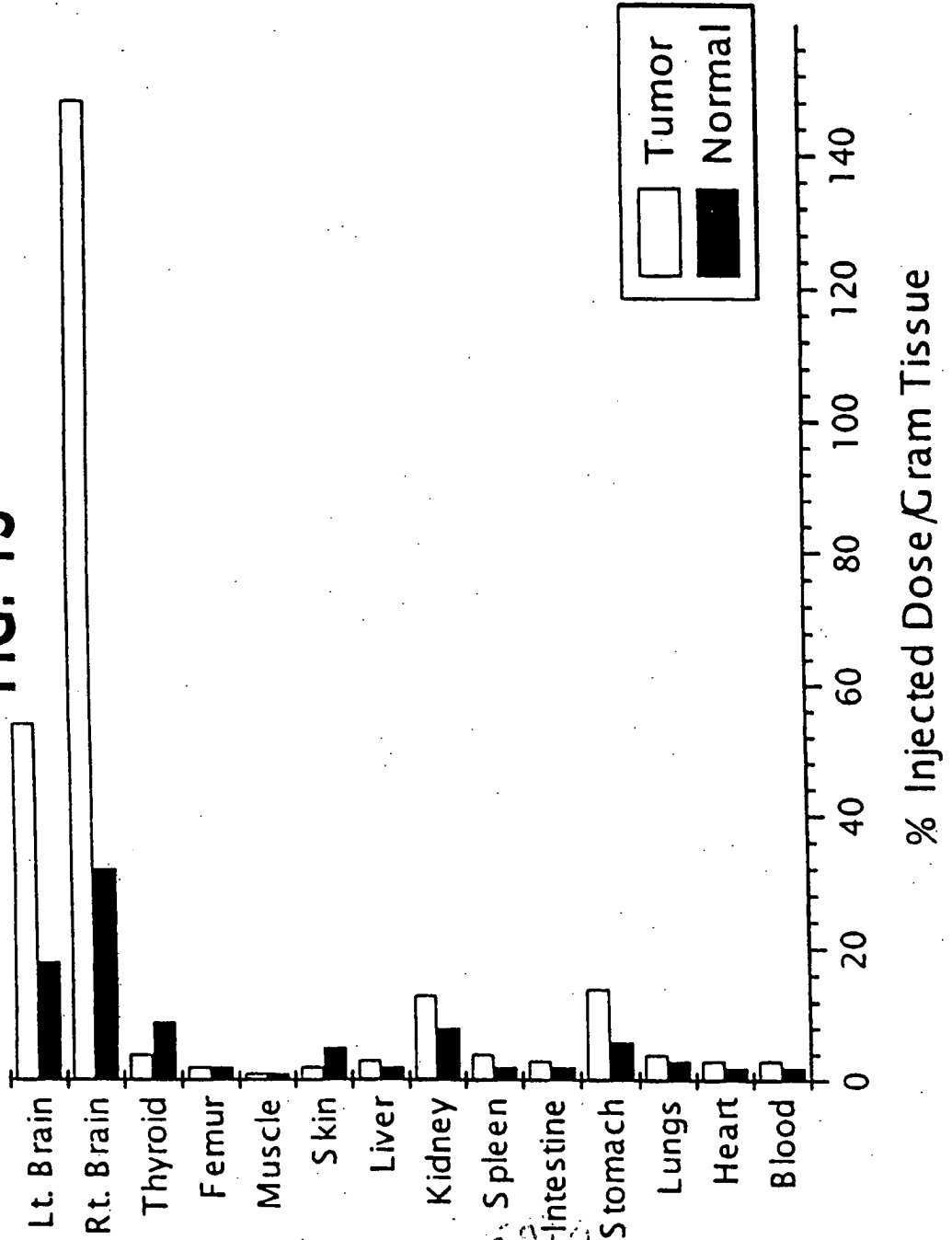
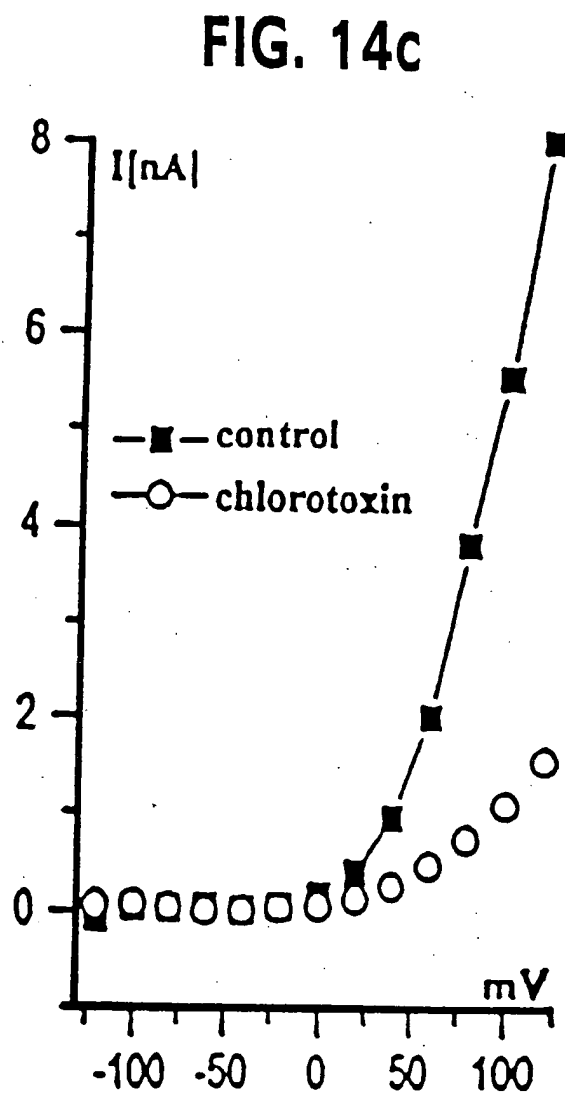
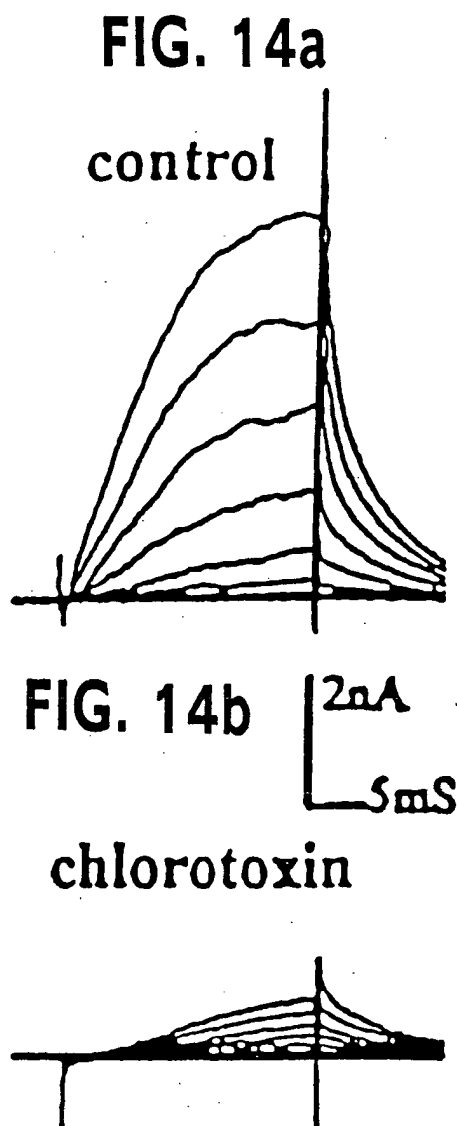
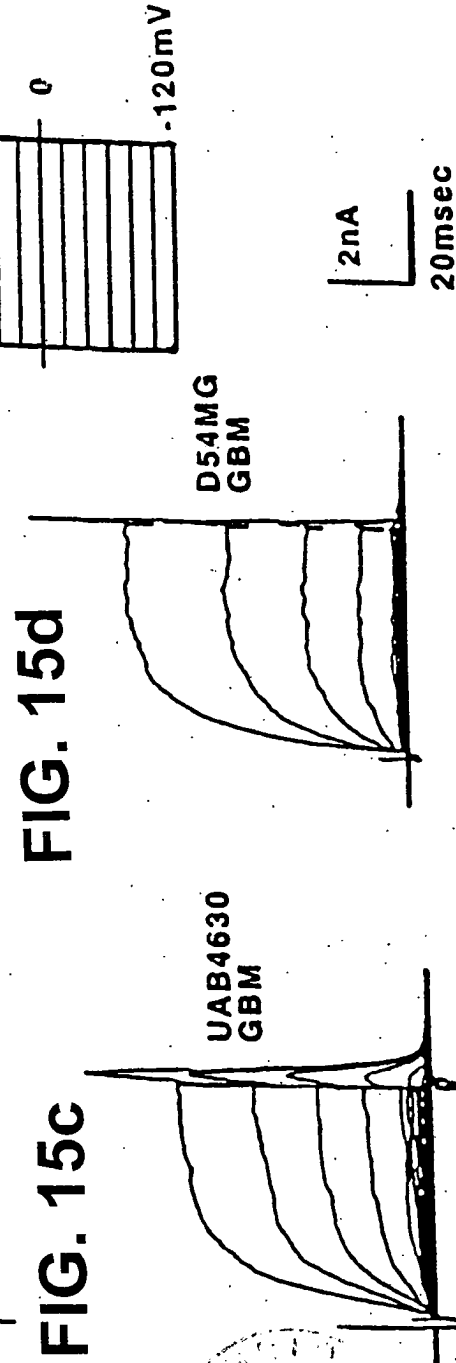
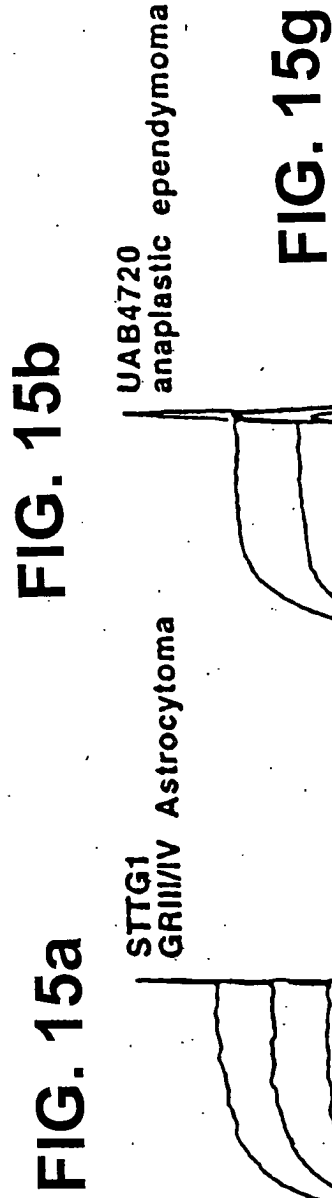


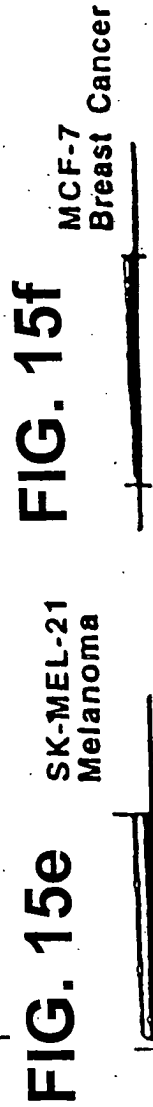
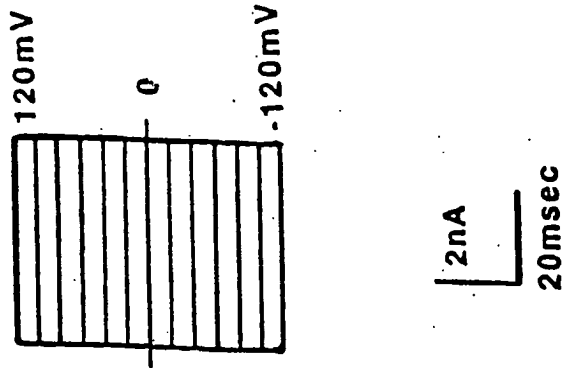
FIG. 13



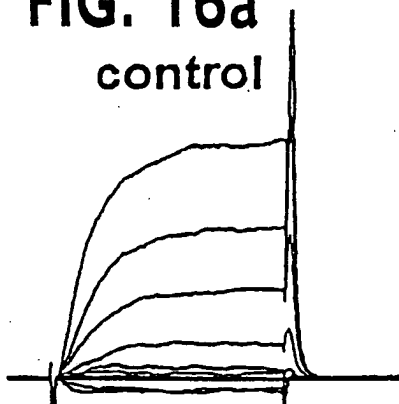




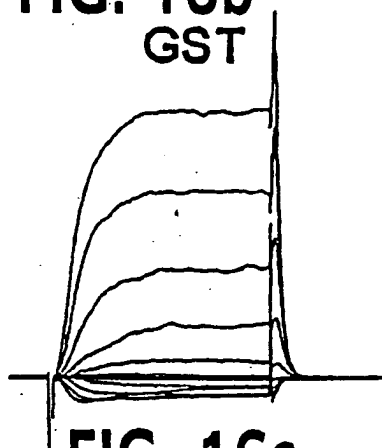
**FIG. 15g**



**FIG. 16a**  
control



**FIG. 16b**  
GST



**FIG. 16c**  
ctx-GST



**FIG. 16d**

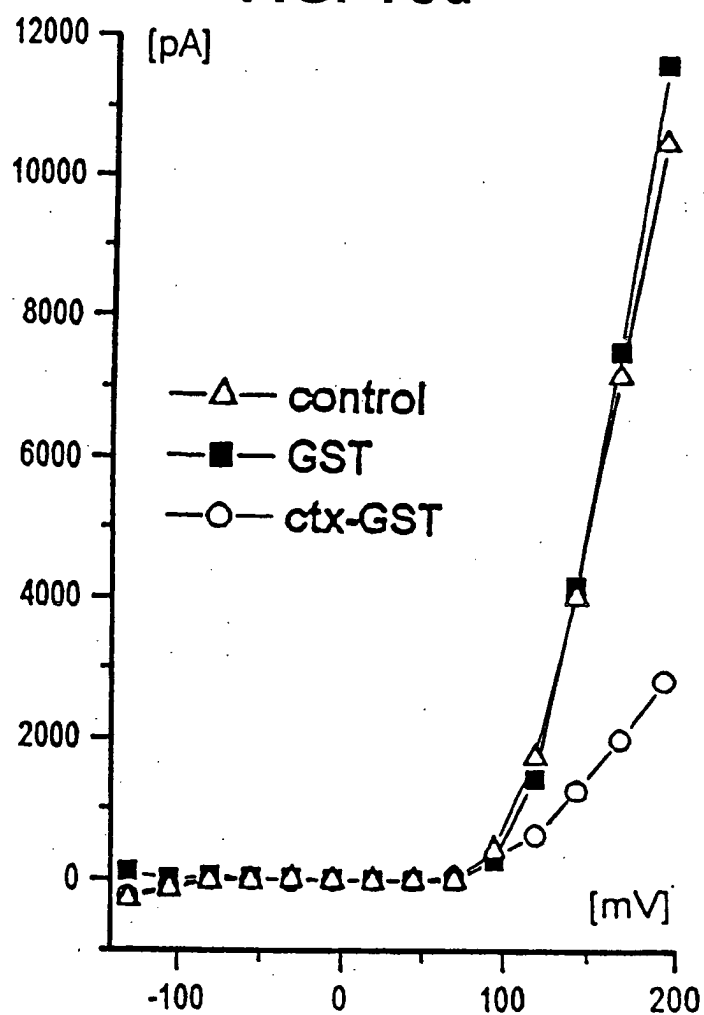
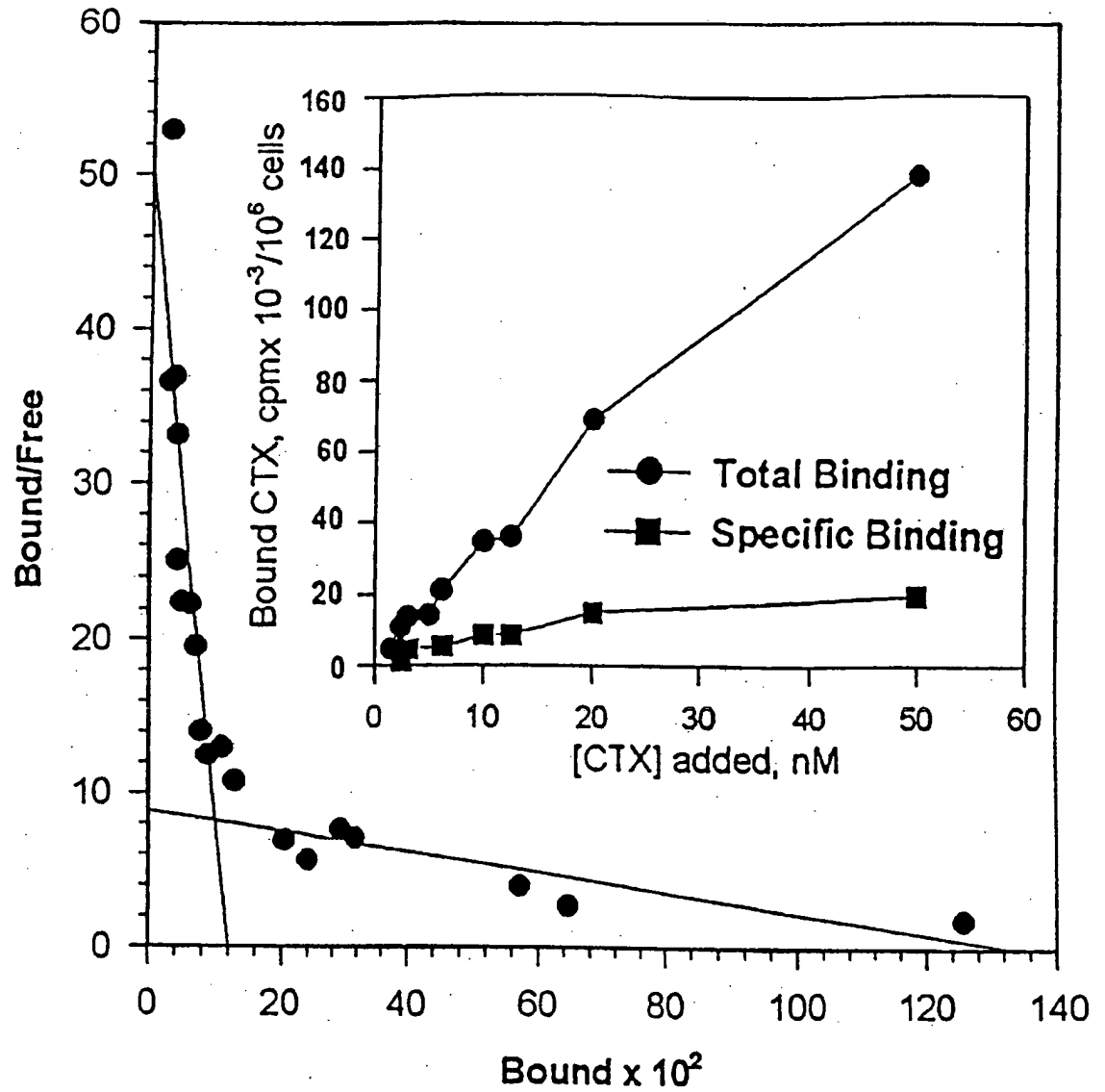
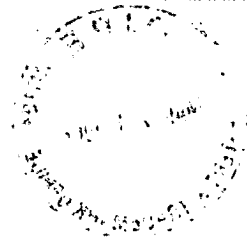
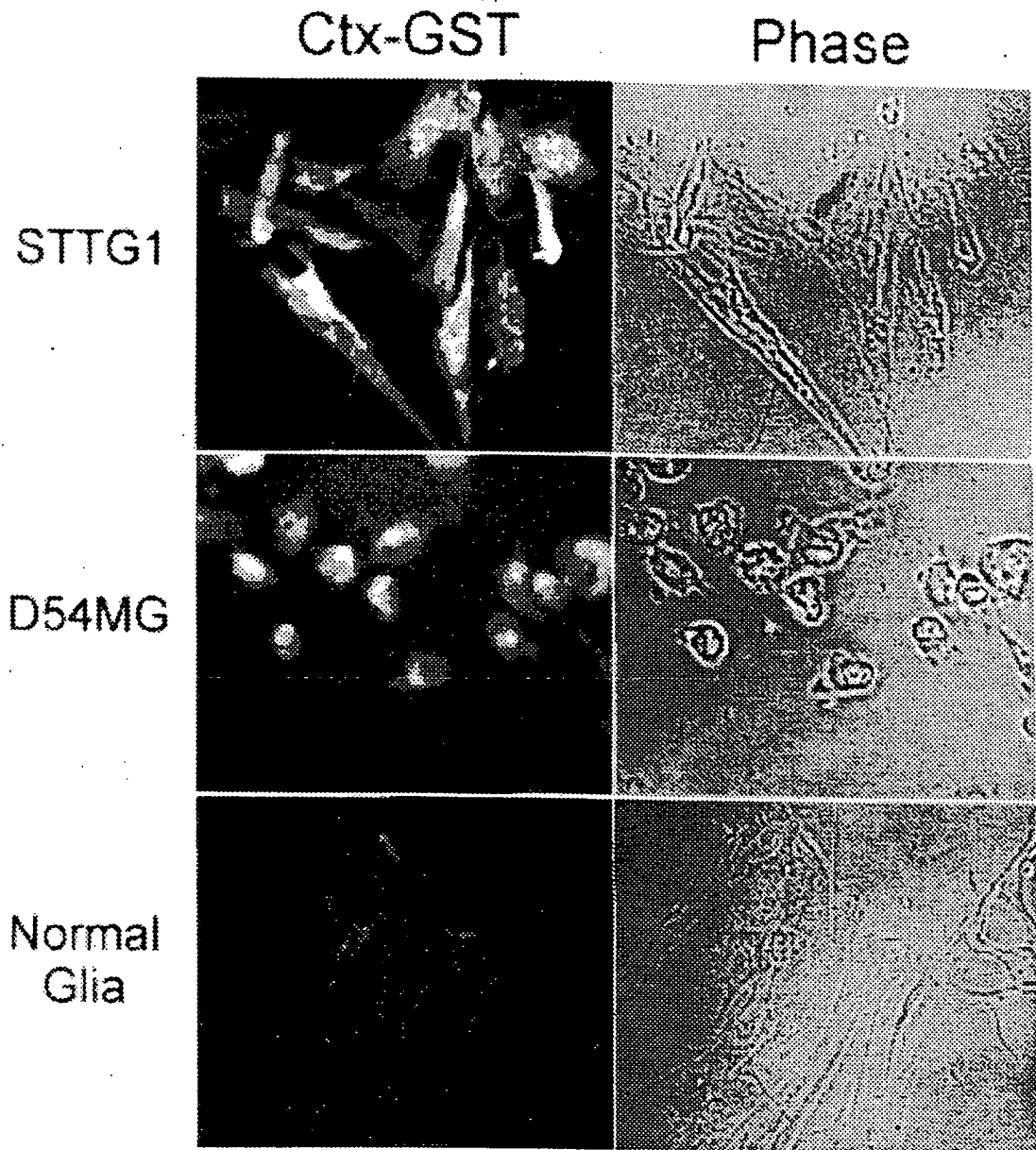




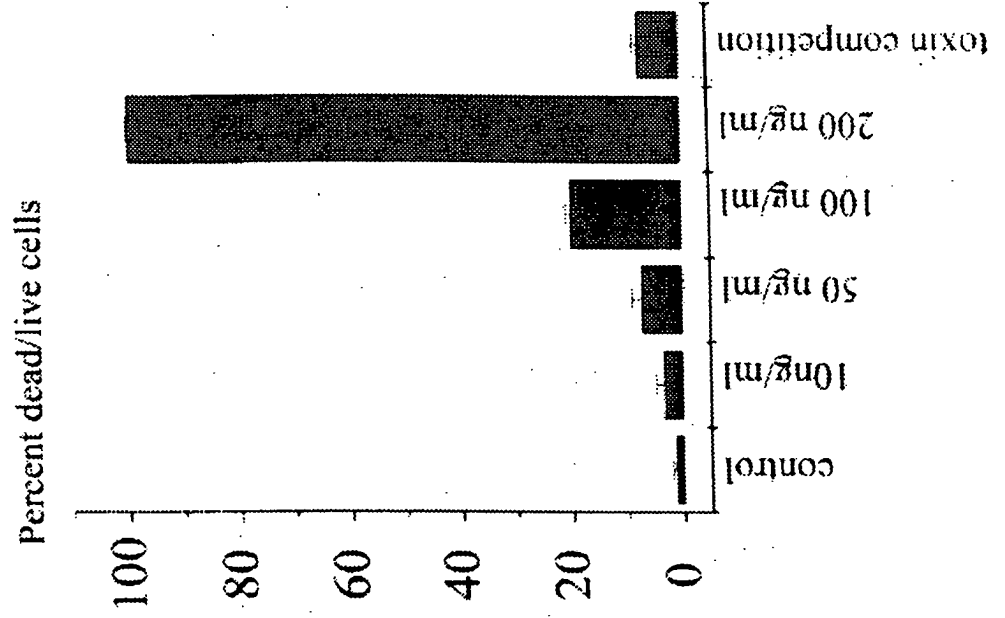
FIG. 17



**FIG. 18**



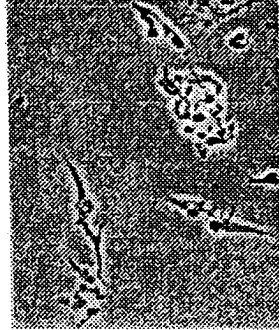
**FIG. 19d**



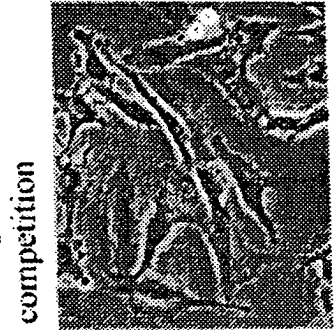
**control**



**200 ng/ml saporin**



**200 ng/ml + toxin competition**



**FIG. 19a**

**FIG. 19b**

**FIG. 19c**

## FIG. 20

Purification:	C1C5	Ctx
Probe:	C1C5	

